

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130434.D
 Acq On : 27 Sep 2022 20:22
 Operator : CG\JU
 Sample : N4764-11RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R2

Quant Time: Sep 28 03:02:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

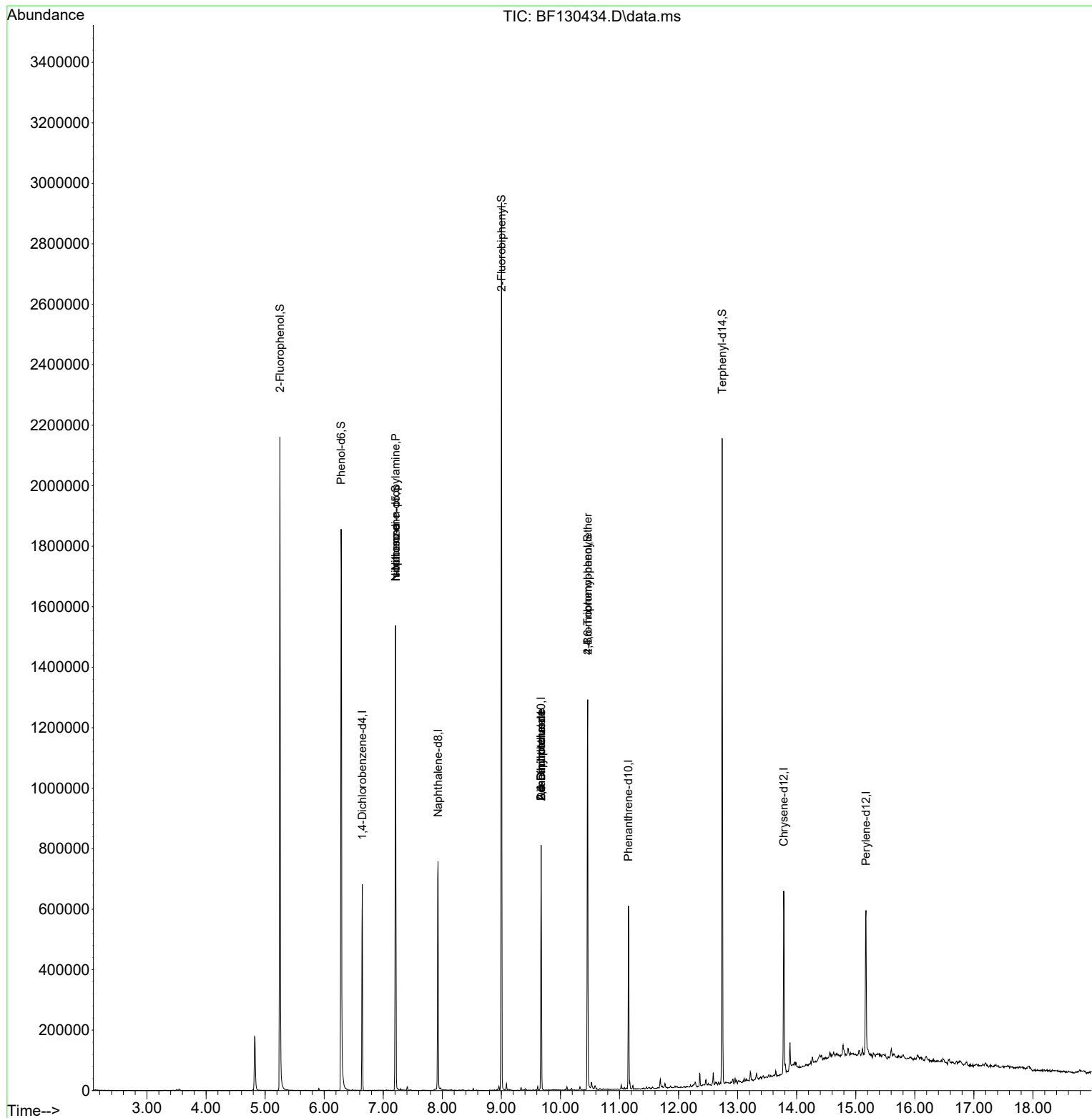
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	90042	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	332454	20.000	ng	# 0.00
39) Acenaphthene-d10	9.675	164	146291	20.000	ng	0.00
64) Phenanthrene-d10	11.151	188	210385	20.000	ng	0.00
76) Chrysene-d12	13.780	240	194512	20.000	ng	-0.01
86) Perylene-d12	15.174	264	203945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	581515	112.016	ng	0.00
7) Phenol-d6	6.287	99	702845	108.204	ng	0.00
23) Nitrobenzene-d5	7.210	82	435371	66.904	ng	0.00
42) 2,4,6-Tribromophenol	10.463	330	151222	107.881	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	770544	76.700	ng	0.00
79) Terphenyl-d14	12.739	244	653141	55.622	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.210	70	58058	13.246	ng	# 72
25) Isophorone	7.210	82	432800	41.265	ng	# 66
50) Dimethylphthalate	9.675	163	27383	2.710	ng	# 1
51) 2,6-Dinitrotoluene	9.675	165	19019	8.999	ng	# 16
57) 2,4-Dinitrotoluene	9.675	165	19019	7.042	ng	# 16
67) 4-Bromophenyl-phenylether	10.463	248	9690	4.175	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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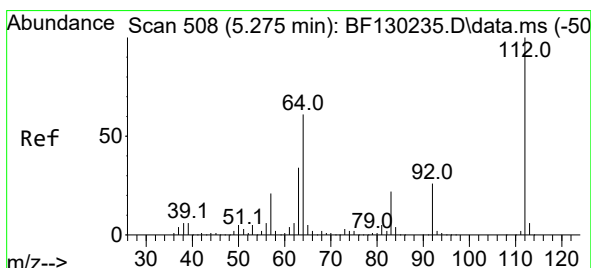
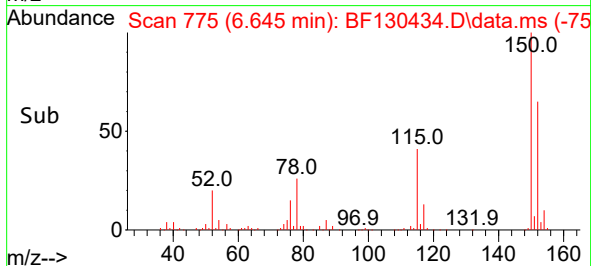
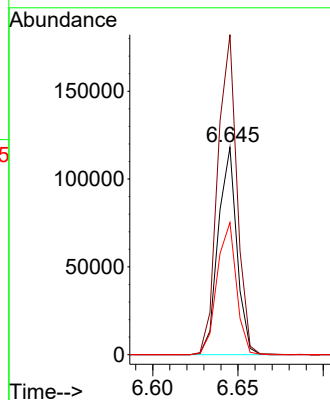
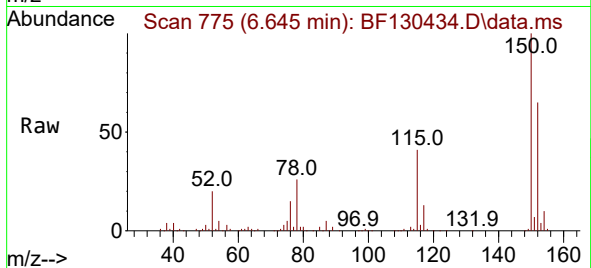




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.645 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130434.D
 Acq: 27 Sep 2022 20:22

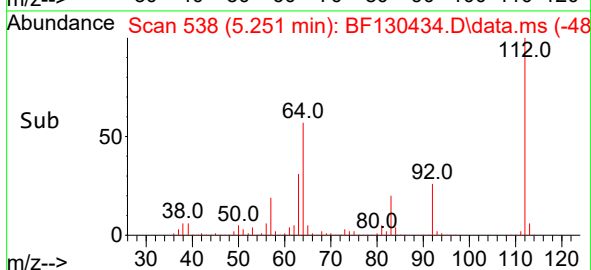
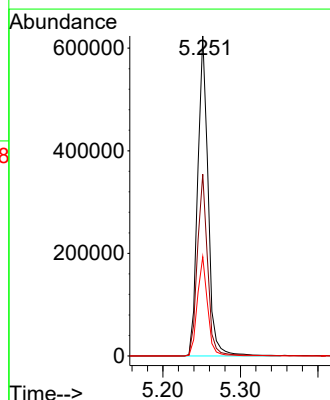
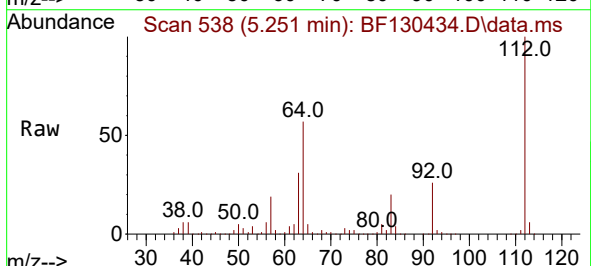
Instrument :
 BNA_F
 ClientSampleId :
 R2

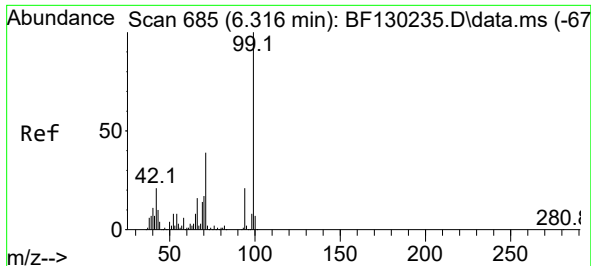
Tgt Ion:152 Resp: 90042
 Ion Ratio Lower Upper
 152 100
 150 154.3 122.8 184.2
 115 63.7 53.8 80.8



#5
 2-Fluorophenol
 Concen: 112.016 ng
 RT: 5.251 min Scan# 538
 Delta R.T. 0.006 min
 Lab File: BF130434.D
 Acq: 27 Sep 2022 20:22

Tgt Ion:112 Resp: 581515
 Ion Ratio Lower Upper
 112 100
 64 56.8 51.4 77.0
 63 31.0 28.8 43.2

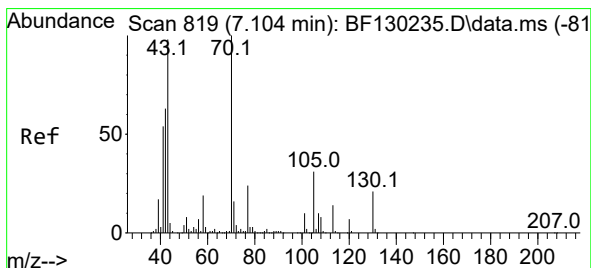
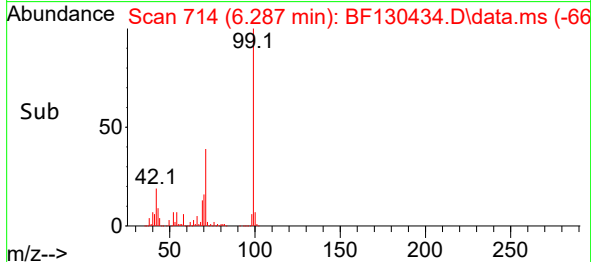
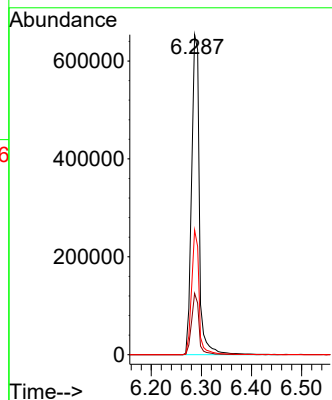
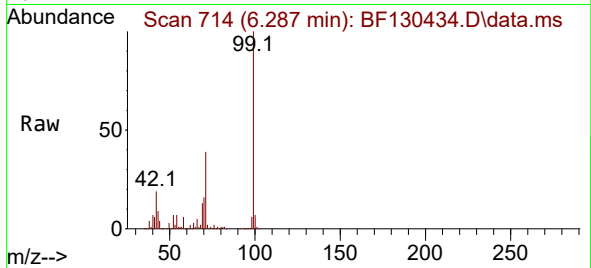




#7
Phenol-d6
Concen: 108.204 ng
RT: 6.287 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130434.D
Acq: 27 Sep 2022 20:22

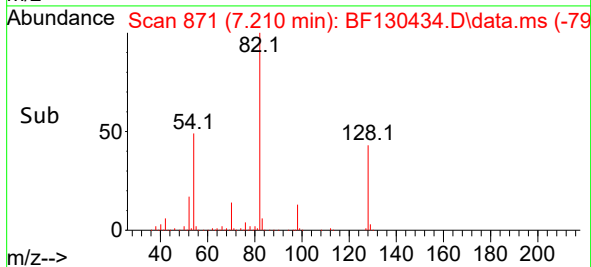
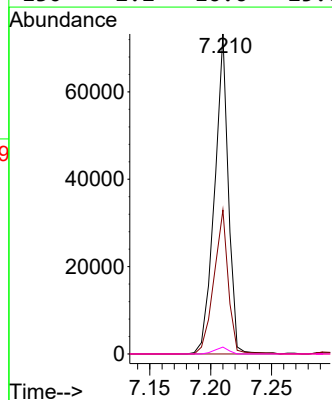
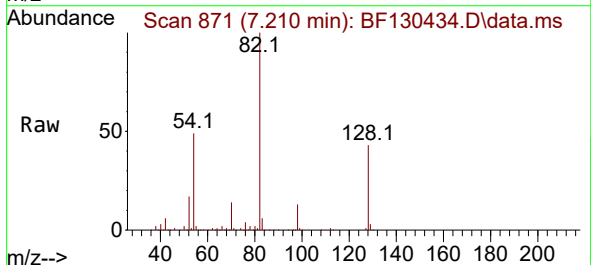
Instrument :
BNA_F
ClientSampleId :
R2

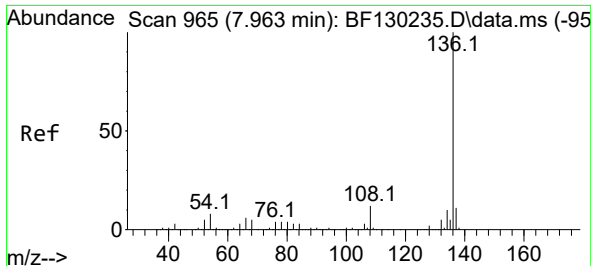
Tgt Ion: 99 Resp: 702845
Ion Ratio Lower Upper
99 100
42 19.1 17.0 25.6
71 38.9 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.246 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF130434.D
Acq: 27 Sep 2022 20:22

Tgt Ion: 70 Resp: 58058
Ion Ratio Lower Upper
70 100
42 45.0 50.8 76.2#
101 0.0 8.2 12.4#
130 2.2 16.6 25.0#

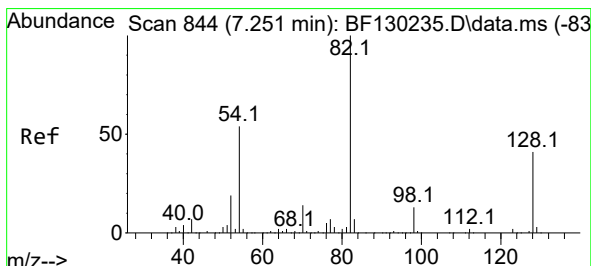
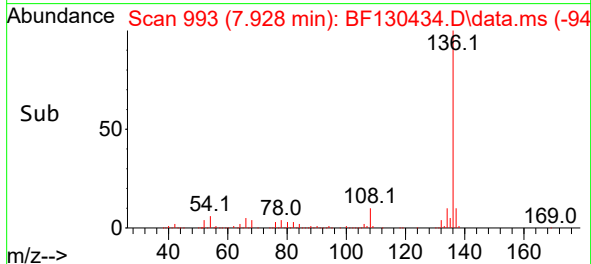
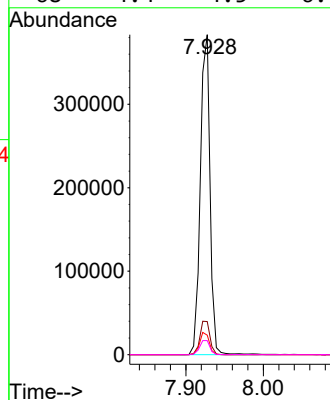
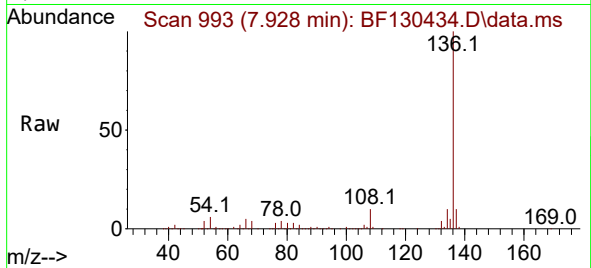




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130434.D
Acq: 27 Sep 2022 20:22

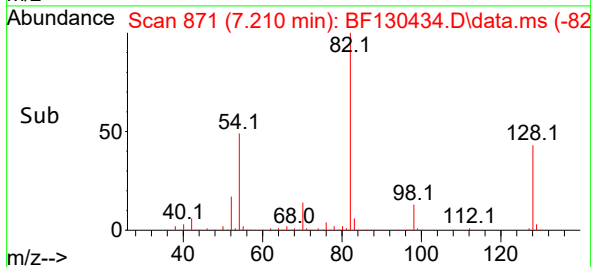
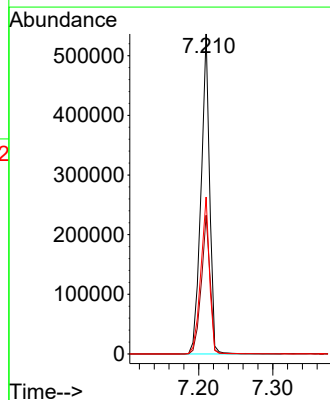
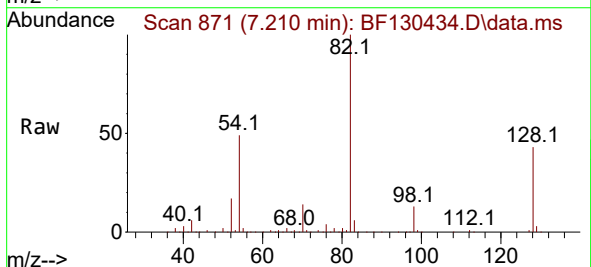
Instrument :
BNA_F
ClientSampleId :
R2

Tgt Ion:136 Resp: 332454
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 6.1 7.1 10.7#
68 4.4 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 66.904 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF130434.D
Acq: 27 Sep 2022 20:22

Tgt Ion: 82 Resp: 435371
Ion Ratio Lower Upper
82 100
128 43.4 32.6 49.0
54 49.1 43.8 65.6

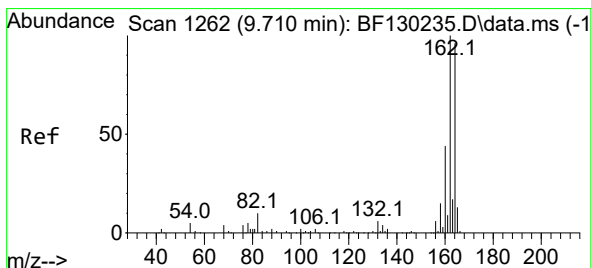
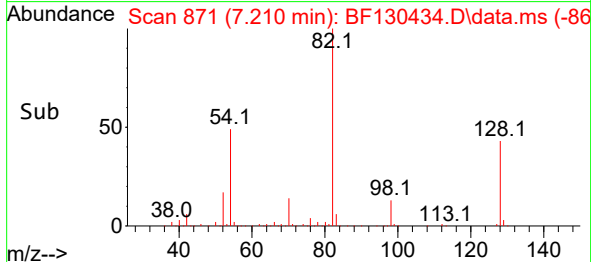
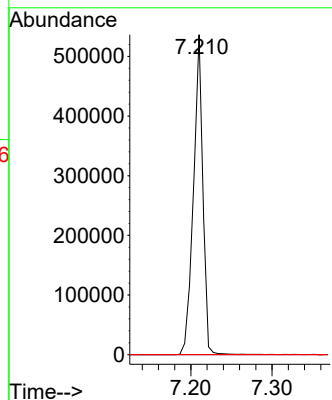
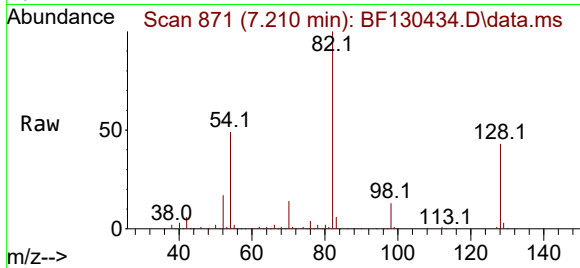




#25
Isophorone
Concen: 41.265 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130434.D
Acq: 27 Sep 2022 20:22

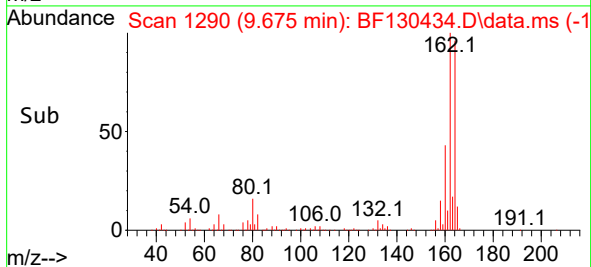
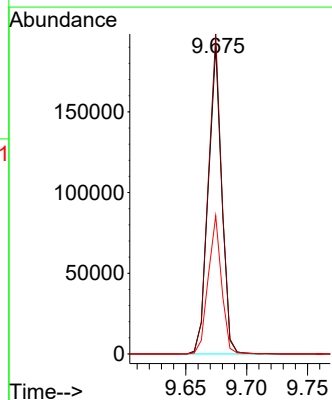
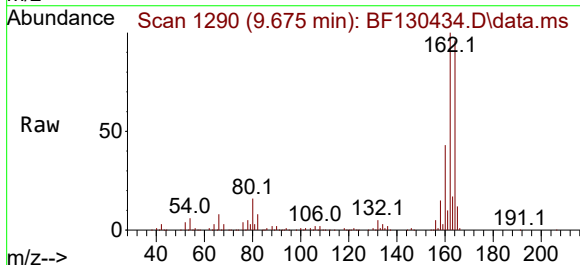
Instrument :
BNA_F
ClientSampleId :
R2

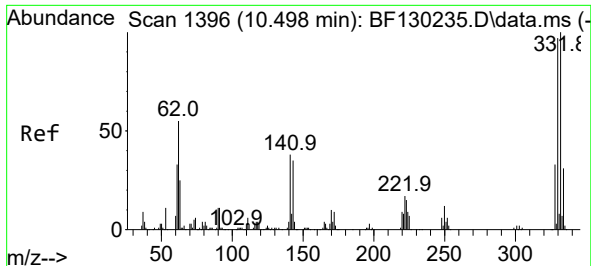
Tgt Ion: 82 Resp: 432800
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF130434.D
Acq: 27 Sep 2022 20:22

Tgt Ion: 164 Resp: 146291
Ion Ratio Lower Upper
164 100
162 104.0 81.4 122.0
160 45.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 107.881 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130434.D

Acq: 27 Sep 2022 20:22

Instrument :

BNA_F

ClientSampleId :

R2

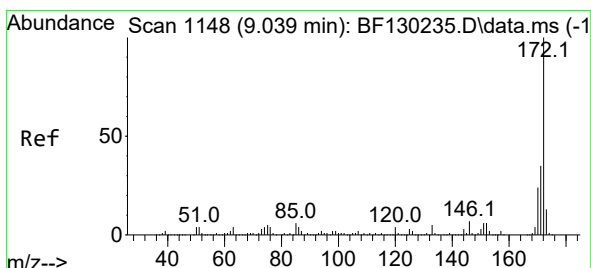
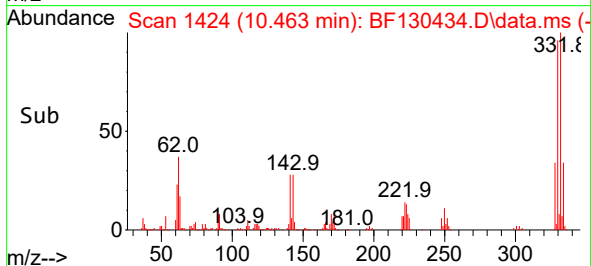
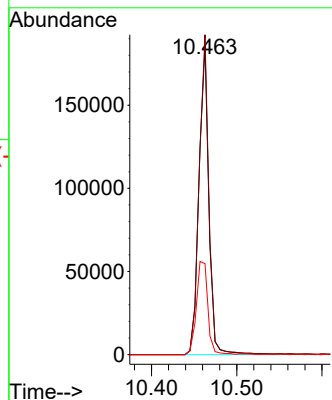
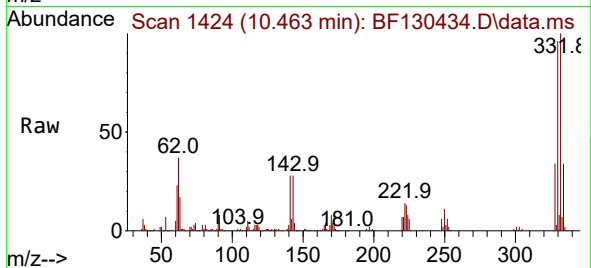
Tgt Ion:330 Resp: 151222

Ion Ratio Lower Upper

330 100

332 102.0 83.4 125.2

141 34.5 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 76.700 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF130434.D

Acq: 27 Sep 2022 20:22

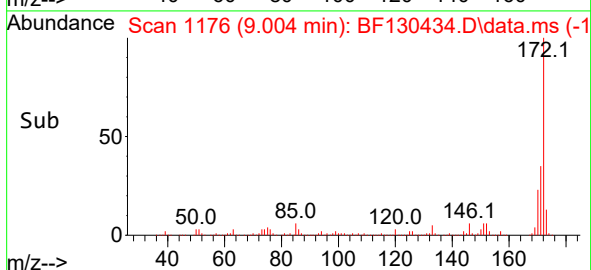
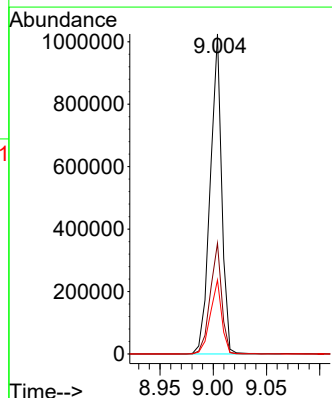
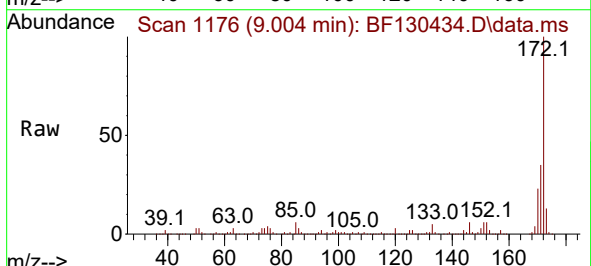
Tgt Ion:172 Resp: 770544

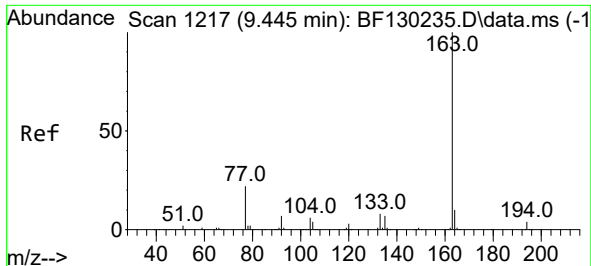
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.1 18.7 28.1

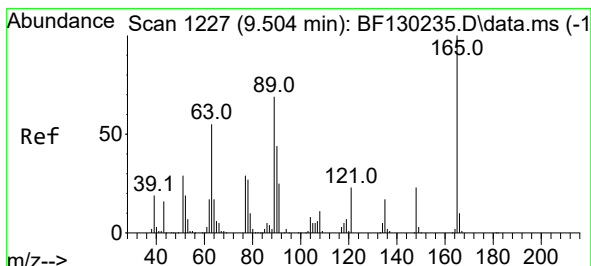
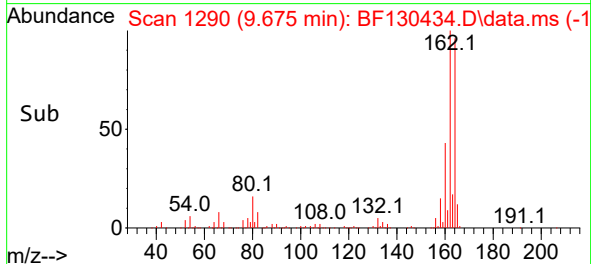
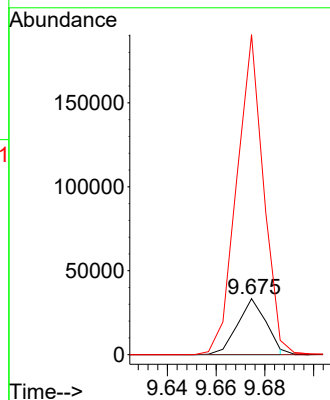
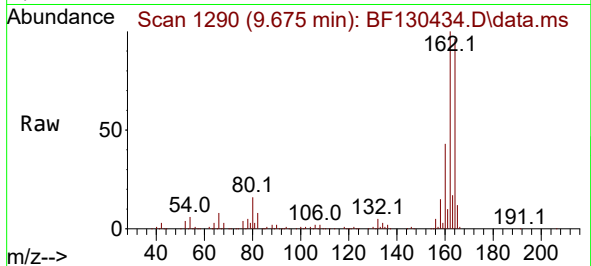




#50
Dimethylphthalate
Concen: 2.710 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.259 min
Lab File: BF130434.D
Acq: 27 Sep 2022 20:22

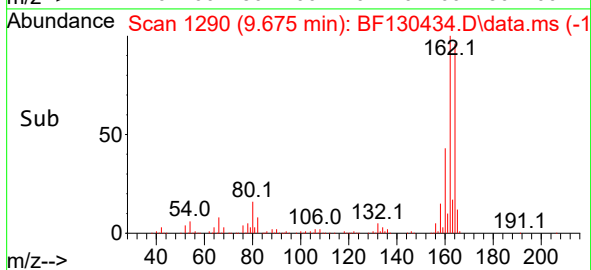
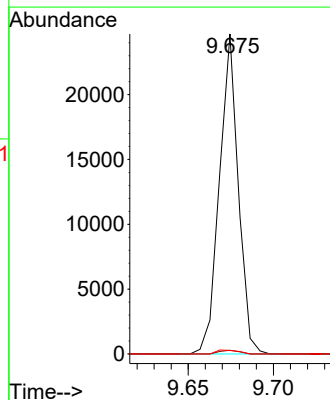
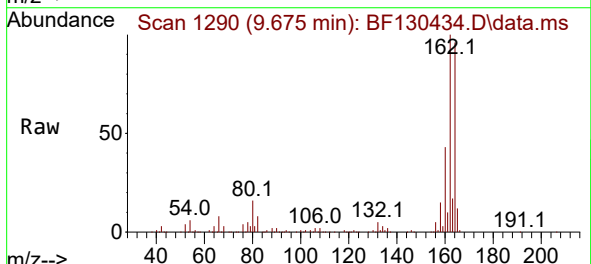
Instrument :
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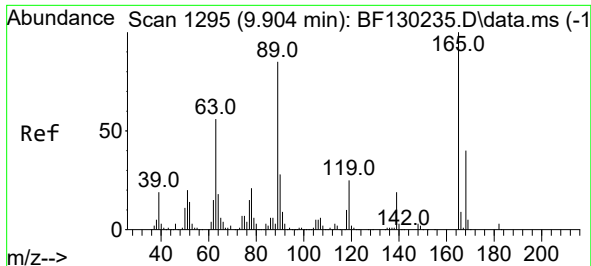
Tgt Ion:163 Resp: 27383
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 570.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.999 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.200 min
Lab File: BF130434.D
Acq: 27 Sep 2022 20:22

Tgt Ion:165 Resp: 19019
Ion Ratio Lower Upper
165 100
63 1.2 58.8 88.2#
89 1.1 54.5 81.7#

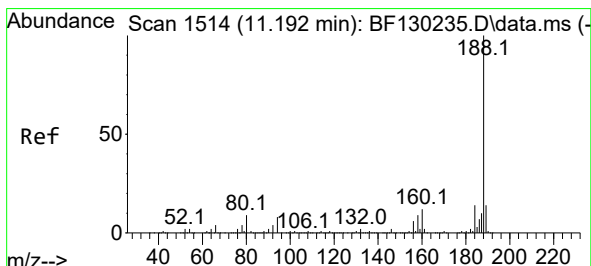
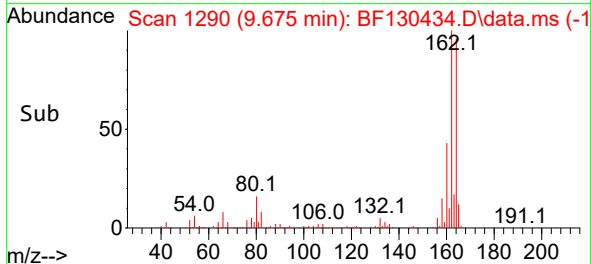
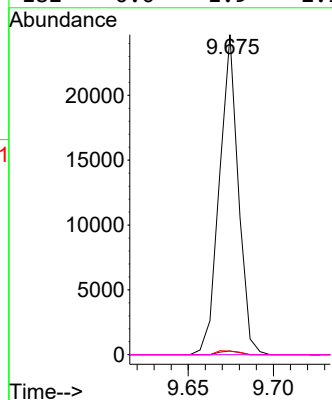
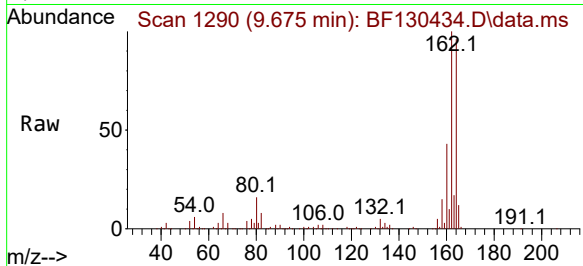




#57
2,4-Dinitrotoluene
Concen: 7.042 ng
RT: 9.675 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130434.D
Acq: 27 Sep 2022 20:22

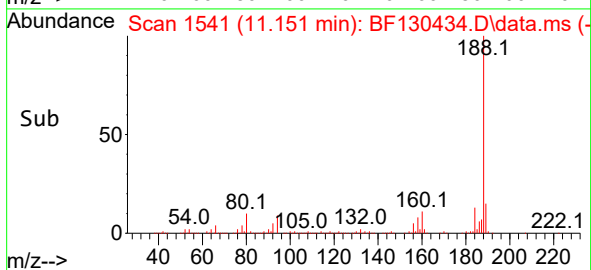
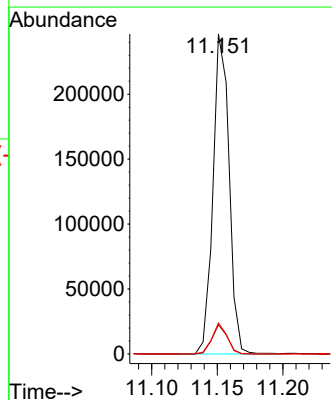
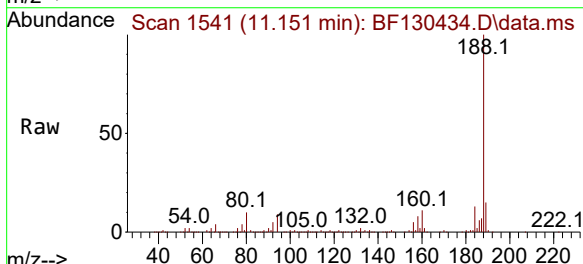
Instrument :
BNA_F
ClientSampleId :
R2

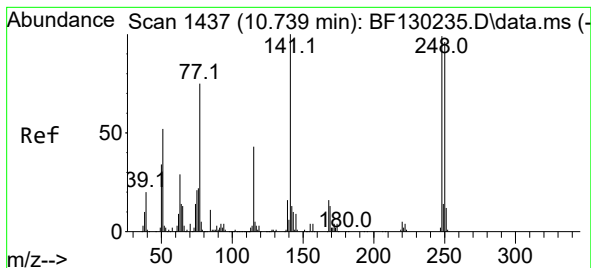
Tgt Ion:	165	Resp:	19019
Ion Ratio	Lower	Upper	
165	100		
63	1.2	44.7	67.1#
89	1.1	69.0	103.4#
182	0.0	1.9	2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF130434.D
Acq: 27 Sep 2022 20:22

Tgt Ion:	188	Resp:	210385
Ion Ratio	Lower	Upper	
188	100		
94	9.1	7.4	11.2
80	9.7	7.9	11.9

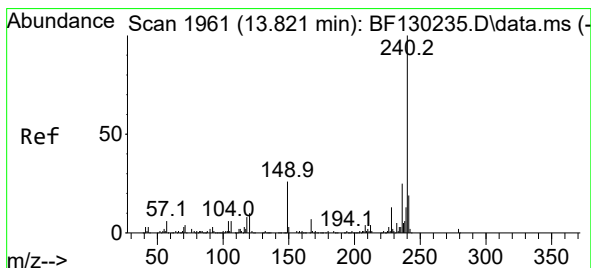
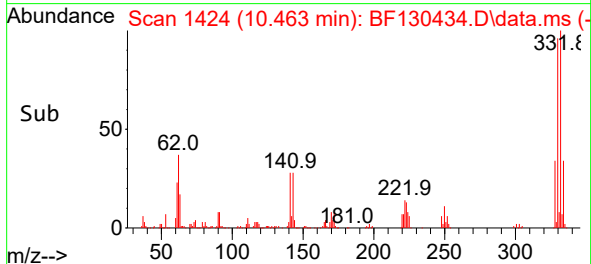
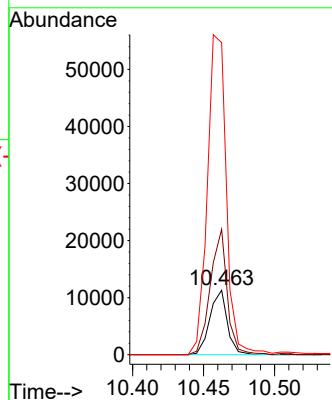
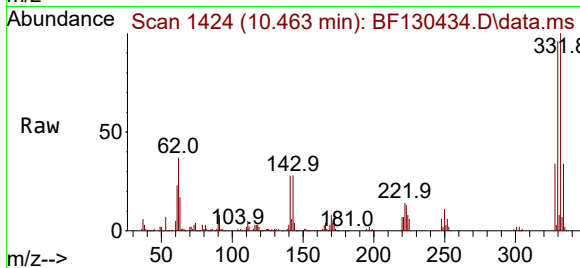




#67
4-Bromophenyl-phenylether
Concen: 4.175 ng
RT: 10.463 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130434.D
Acq: 27 Sep 2022 20:22

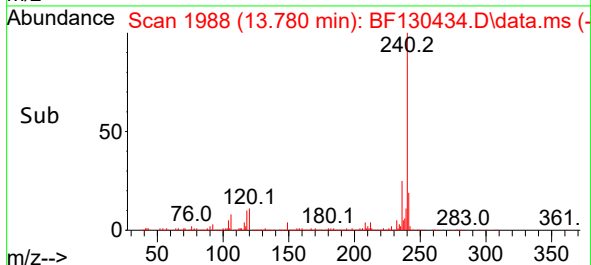
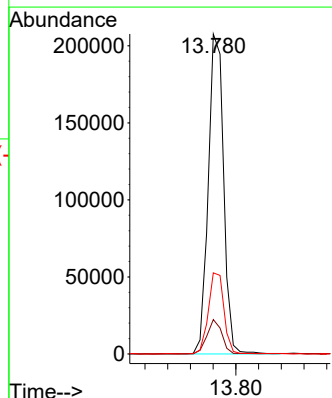
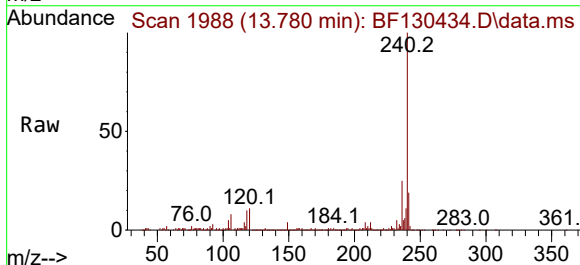
Instrument :
BNA_F
ClientSampleId :
R2

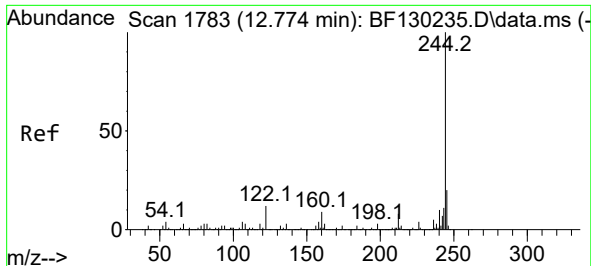
Tgt Ion:248 Resp: 9690
Ion Ratio Lower Upper
248 100
250 194.3 80.0 120.0#
141 483.4 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130434.D
Acq: 27 Sep 2022 20:22

Tgt Ion:240 Resp: 194512
Ion Ratio Lower Upper
240 100
120 10.8 8.7 13.1
236 25.4 20.9 31.3

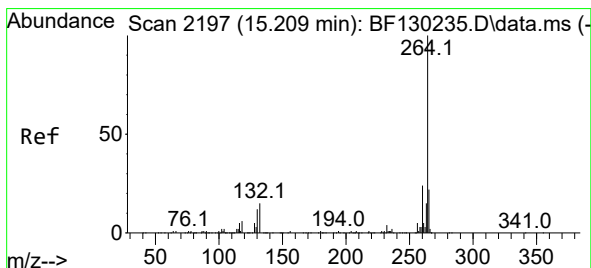
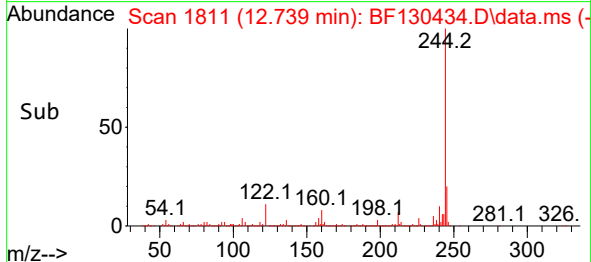
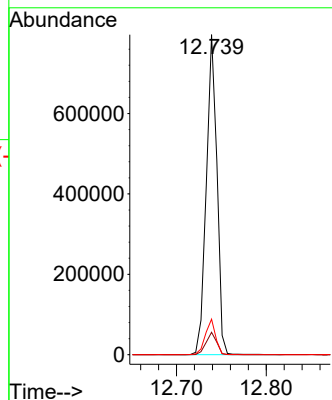
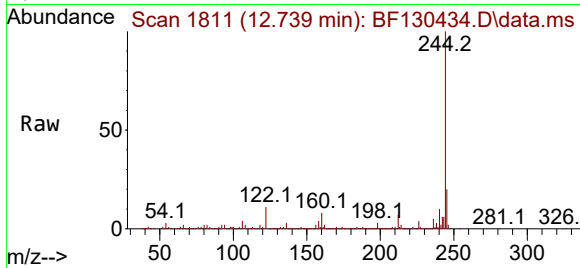




#79
 Terphenyl-d14
 Concen: 55.622 ng
 RT: 12.739 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130434.D
 Acq: 27 Sep 2022 20:22

Instrument :
 BNA_F
 ClientSampleId :
 R2

Tgt Ion:244 Resp: 653141
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.1 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.174 min Scan# 2225
 Delta R.T. -0.000 min
 Lab File: BF130434.D
 Acq: 27 Sep 2022 20:22

Tgt Ion:264 Resp: 203945
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 20.3 17.0 25.4

